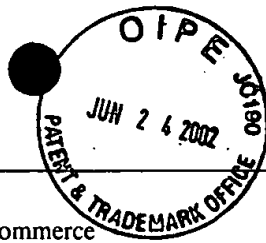




Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. LMPY-11610		Serial No.: 09/858,147	
Information Disclosure Statement by Applicant				Applicant: Rustem Osmanow, et al.			
(Use several sheets if necessary)				Filed: May 14, 2001 Group: 2881			
U.S. Patent Documents							
Init.		Document No.	Date	Name	Class	Subclass	Filing Date
		3,858,056	12/31/74	Melamed, et al.	307	88.3	01/22/74
		3,962,576	06/08/76	Kuhl, et al.	250	201	01/17/75
		4,240,044	12/16/80	Fahlen, et al.	331	94.5 PE	07/16/79
		4,380,079	04/12/83	Cohn, et al.	372	87	09/12/80
		4,393,505	07/12/83	Fahlen	372	57	11/03/81
		4,399,540	08/16/83	Bücher	372	20	09/22/80
		4,611,270	09/09/86	Klauminzer, et al.	364	183	09/16/83
		4,616,908	10/14/86	King	350	576	07/19/84
		4,686,682	08/11/87	Haruta, et al.	372	87	10/01/85
		4,691,322	09/01/87	Nozue, et al.	372	82	01/22/86
		4,718,072	01/05/88	Marchetti, et al.	372	86	05/15/87
		4,719,637	01/12/88	Cavioli, et al.	372	59	03/22/86
		4,763,093	08/09/88	Cirkel, et al.	336	58	08/21/86
		4,797,888	01/10/89	Klopotek	372	38.05	06/23/87
		4,829,536	05/09/89	Kajiyama, et al.	372	57	06/09/87
		4,856,018	08/08/89	Nozue, et al.	372	99	01/20/87
		4,860,300	08/22/89	Bäumler, et al.	372	57	01/27/89
		4,819,818	01/02/90	Levatter	372	57	03/13/89
		4,905,243	02/27/90	Lokai, et al.	372	32	12/22/88
		4,926,428	05/15/90	Kajiyama, et al.	372	20	08/31/87
		4,953,174	08/28/90	Eldridge, et al.	372	87	10/23/89
		4,975,919	12/04/90	Amada, et al.	372	33	03/18/88
		4,977,563	12/11/90	Nakatani, et al.	372	32	09/22/88
		4,977,573	12/11/90	Bittenson, et al.	372	81	03/09/89
		4,983,859	01/08/91	Nakajima, et al.	307	419	08/22/89
		5,025,445	06/18/91	Anderson, et al.	372	20	11/22/89
		5,090,021	02/18/92	Nakatani, et al.	372	86	05/15/90
		5,093,832	03/03/92	Bethune, et al.	372	21	03/14/91
		5,095,492	03/10/92	Sandstrom	372	102	07/17/90
		5,142,543	08/25/92	Wakabayashi, et al.	372	32	01/27/89
		5,150,370	09/22/92	Furuya, et al.	372	106	12/12/90
Examiner					Date Considered <u>8/23/02</u>		
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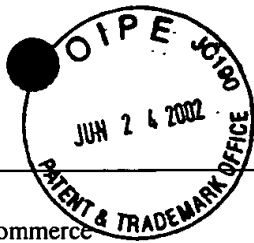
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Init.		Document No.	Date	Name	Class	Subclass	Filing Date
		5,177,754	01/05/93	Ball, et al.	372	38	03/15/89
		5,181,217	01/19/93	Sato, et al.	372	38	07/09/91
		5,221,823	06/22/93	Usui	219	121.78	01/17/92
		5,226,050	07/06/93	Burghardt	372	20	01/25/91
		5,247,531	09/21/93	Müller-Horsche	372	38	03/12/92
		5,247,534	09/21/93	Müller-Horsche, et al.	372	58	03/27/92
		5,247,535	09/21/93	Müller-Horsche, et al.	372	86	03/12/92
		5,305,338	04/19/94	Wakata, et al.	372	38	09/10/91
		5,309,462	05/03/94	Taylor, et al.	372	38	02/17/93
		5,313,481	05/17/94	Cook, et al.	372	37	09/29/93
		5,319,665	06/07/94	Birx	372	69	11/06/92
		5,337,330	08/09/94	Larson	372	86	10/09/92
		5,365,366	11/15/94	Kafka, et al.	359	330	04/29/93
		5,396,514	03/07/95	Voss	372	57	03/01/93
		5,404,366	04/04/95	Wakabayashi, et al.	372	29	02/14/94
		5,427,531	06/27/95	Kramer	434	302	10/20/92
		5,448,580	09/05/95	Birx, et al.	372	38	07/05/94
		5,450,207	09/12/95	Fomenkov, et al.	356	416	07/16/93
		5,463,650	10/31/95	Ito, et al.	372	57	12/28/94
		5,535,233	07/09/96	Mizoguchi, et al.	372	87	10/04/93
		5,557,629	09/17/96	Mizoguchi, et al.	372	87	08/28/92
		5,559,584	09/24/96	Miyaji, et al.	355	73	01/30/95
		5,559,815	09/24/96	Berger, et al.	372	25	05/09/95
		5,559,816	09/24/96	Basting, et al.	372	57	05/30/95
		5,586,134	12/17/96	Das, et al.	372	38	10/12/94
		5,596,596	01/21/97	Wakabayashi, et al.	372	102	12/15/95
		5,638,388	06/10/97	Nighan, Jr., et al.	372	22	05/19/95
		5,659,419	08/19/97	Lokai, et al.	359	330	07/11/95
		5,663,973	09/02/97	Stamm, et al.	372	20	06/10/96
		5,684,822	11/04/97	Partlo	372	95	11/17/94
		5,710,787	01/20/98	Amada, et al.	372	25	06/05/98
Examiner					Date Considered <u>8/23/02</u>		
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Init.		Document No.	Date	Name	Class	Subclass	Filing Date
		5,729,562	03/17/98	Birx, et al.	372	38	10/31/96
		5,729,565	03/17/98	Meller, et al.	372	87	11/07/96
		5,748,346	05/05/98	David, et al.	359	15	05/12/97
		5,754,579	05/19/98	Mizoguchi, et al.	372	58	05/26/95
		5,761,236	06/02/98	Kleinschmidt, et al.	372	100	07/18/96
		5,763,855	06/09/98	Shioji	219	121.84	06/02/95
		5,771,258	06/23/98	Morton, et al.	372	57	05/16/97
		5,802,094	09/01/98	Wakabayashi, et al.	372	57	10/10/96
		5,811,753	09/22/98	Weick, et al.	219	121.78	06/19/96
		5,818,865	10/06/98	Watson, et al.	372	86	05/16/97
		5,835,520	11/10/98	Das, et al.	372	57	04/23/97
		5,847,861	12/08/98	Kafka, et al.	359	330	05/06/94
		5,854,802	12/29/98	Jin, et al.	372	22	06/03/97
		5,852,627	12/22/98	Ershov	372	108	09/10/97
		5,856,991	01/05/99	Ershov	372	57	06/04/97
		5,898,718	04/27/99	Mohatt, et al.	372	22	05/19/97
		5,898,725	04/27/99	Fomenkov, et al.	372	102	01/21/97
		5,901,163	05/04/99	Ershov	372	20	12/08/97
		5,914,974	06/22/99	Partlo, et al.	372	38	02/21/97
		5,917,849	06/29/99	Ershov	372	102	06/29/99
		5,923,693	07/13/99	Ohmi, et al.	372	57	02/28/97
		5,936,988	08/10/99	Partlo, et al.	372	38	07/18/98
		5,940,421	08/17/99	Partlo, et al.	372	38	12/15/97
		5,946,337	08/31/99	Govorvok, et al.	372	92	04/29/98
		5,949,806	09/07/99	Ness, et al.	372	38	06/19/98
		5,970,082	10/19/99	Ershov	372	102	07/01/97
		5,978,391	11/02/99	Das, et al.	372	20	07/18/97
		5,978,394	11/02/99	Newman, et al.	372	32	10/02/98
		5,978,405	11/02/99	Juhasz, et al.	372	57	03/06/98
		5,978,406	11/02/99	Rokni, et al.	372	58	01/30/98
	5,978,409	11/02/99	Das, et al.	372	100	09/28/98	
	5,982,795	11/09/99	Rothweil, et al.	372	38	12/22/97	
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Init.		Document No.	Date	Name	Class	Subclass	Filing Date
		5,982,800	11/09/99	Ishihara, et al.	372	57	10/10/97
		5,991,324	11/23/99	Knowles, et al.	372	57	03/11/98
		5,999,318	12/07/99	Morton, et al.	359	572	03/09/99
		6,002,697	12/14/99	Govorkov, et al.	372	34	08/24/98
		6,005,880	12/21/99	Basting, et al.	372	38	03/21/97
		6,014,206	01/11/00	Basting, et al.	356	138	09/28/98
		6,014,398	01/11/00	Hofmann, et al.	372	60	05/20/98
		6,016,325	01/18/00	Ness, et al.	372	38	04/27/98
		6,018,537	01/25/00	Hofmann, et al.	372	25	03/19/99
		6,020,723	02/01/00	Desor, et al.	320	166	04/15/97
		6,028,872	02/22/00	Partlo, et al.	372	38	12/15/98
		6,028,880	02/22/00	Carlesi, et al.	372	58	07/02/98
		6,061,382	05/09/00	Govorkov, et al.	372	101	05/04/98
		6,081,542	06/27/00	Scaggs	372	70	06/12/98
		6,084,897	07/04/00	Wakabayashi, et al.	372	38	09/02/96
		6,097,311	05/23/00	Morton, et al.	372	57	09/04/98
		6,128,323	10/03/00	Myers, et al.	372	38	09/18/98
		6,151,346	11/21/00	Partlo, et al.	372	38	08/09/99
		6,154,470	11/28/00	Basting, et al.	372	19	05/24/99
		6,157,662	12/05/00	Scaggs	372	60	05/24/99
		6,160,831	12/12/00	Kleinschmidt, et al.	372	57	03/17/99
		6,160,832	12/12/00	Kleinschmidt, et al.	372	57	10/12/99
		6,163,559	12/19/00	Watson	372	102	06/22/98
		6,198,761	03/06/01	von Bergmann, et al.	372	86	09/03/99
		6,212,214	04/03/01	Vogler, et al.	372	59	08/23/99
		6,219,368	04/17/01	Govorkov	372	59	06/30/99
		6,226,307	05/01/01	Desor, et al.	372	37	11/02/99
		6,243,405	06/05/01	Borneis, et al.	372	57	01/18/00
		6,243,406	06/05/01	Heist, et al.	372	59	10/14/99
		6,269,110	07/31/00	Leinhos, et al.	372	57	10/05/98
		6,282,221	08/28/01	Ohmi, et al.	372	57	07/11/97
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U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
		6,298,080	10/02/01	Heist, et al.	372	99	12/01/99	
		6,324,196	11/27/01	Desor	372	30	01/12/00	
Foreign Documents								
Translation								
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
		61-91982	10/11/84	Japan	H01S	3/03	X	
		61-116889	10/13/84	Japan	H01S	3/4	X	
		DE 38 42 492 A1	06/21/90	Germany	H01S	3/097	X	
		JP 3009582 A	01/17/91	Japan	H01S	003/038	X	
		EP 0 532 751 A1	02/08/91	EPO	H01S	3/038	X	
		EP 0 532 751 B1	02/08/91	EPO	H01S	3/038	X	
		DE 44 01 892 A1	01/24/94	Germany	H01S	3/038	X	
		WO 96/25778	08/22/96	PCT	H01S	3/00	X	
		GB 2 267 790 A	12/15/93	United Kingdom	H03K	3/57		
		DE 298 22 090 U1	03/25/99	Germany	H01S	3/08		X
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
		✓ F.W. Grover, Inductance Calculations, "Parallel Elements of Equal Length," New York, 1945, pp. 31-44.						
		✓ Melville, W.S., "The Use of Saturable Reactors as Discharge Devices for Pulse Generators," <u>The Proceedings of The Institution of Electrical Engineers Part III</u> , Vol. 98, 1951, pp. 185-206.						
		✓ T.Y. Chang, "Improved Uniform-Field Electrode Profiles for TEA Laser and High Voltage Applications," <u>The Review of Scientific Instruments</u> , April 1973, Vol. 4., No. 4., pp. 405-407.						
		✓ Birs, et al., "Regulation and Drive System for High Rep-Rate Magnetic Pulse Compressors," <u>Article prepared for submission to the 15th Power Modulator Symposium, Baltimore, Maryland, June 14-16, 1982, pp. 1-17.</u>						
		✓ Smilanski, I., et al., "Electrical Excitation of an XeCl Laser Using Magnetic Pulse Compression," <u>Appl. Phys. Lett.</u> , Vol. 40, No. 7, April 1, 1982, pp. 547-548.						
		✓ E.A. Stappaerts, "A Novel Analytical Design Method for Discharge Laser Electrode Profiles," <u>Appl. Phys. Lett.</u> , June 15, 1982, Vol. 40., No. 12., p. 1018-1019.						
		✓ Questek, "Magnetic Pulse Compression for Excimer Lasers," <u>Technical Notes No. 2</u> , May 1983.						
		✓ Soldatov, et al., "Copper Vapor Laser with Stabilized Output Parameters," <u>Sov. J. Quantum Electron.</u> , Vol. 13, No. 5, May 1983, pp. 612-616.						
		✓ Ernst G.J. et al., "Compact Uniform Field Electrode Profile," <u>Optics Communications</u> , Vol. 47, No. 1, August 1, 1983, pp. 47-51.						
Examiner					Date Considered <u>8/23/02</u>			
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Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)			
<input checked="" type="checkbox"/>	G.J. Ernst, "Uniform-Field Electrodes with Minimum Width," <u>Optics Communications</u> , Vol. 49, No. 4, March 15, 1984, pp. 275-277		
<input checked="" type="checkbox"/>	D. Basting, et al., "Thyratrons with Magnetic Switches: The Key to Reliable Excimer Lasers," <u>Laser and Optoelektronik</u> , No. 2, 1984, pp. 128-131.		
<input checked="" type="checkbox"/>	Marchetti, et al., "A New Type of Corona-Discharge Photoionization Source for Gas Lasers," <u>J. Appl. Phys.</u> Vol. 56, No.11, December 1984, pp. 3163-3168.		
<input checked="" type="checkbox"/>	T. Shimada, et al., "An All Solid-state Magnetic Switching Exciter for Pumping Excimer Lasers," <u>Rev. Sci. Instrum.</u> Vol. 56, No. 11, 1985		
<input checked="" type="checkbox"/>	T. Shimada et al., "Semiconductor Switched Magnetic Modulator for Rep-Rate Lasers," <u>IEEE Pulse Conference</u> , Crystal City, Virginia, June 10-12, 1985, 4 pages in length		
<input checked="" type="checkbox"/>	Kobayashi, O., et al., "High Power Repetitive Excimer Lasers Pumped by an All Solid State Magnetic Exciter," <u>SPIE</u> , Vol. 622, 1986, pp. 111-117.		
<input checked="" type="checkbox"/>	Baker, H.J., et al., "Magnetic Switching Circuits for Variable High Voltage Pulse Delays and Gas-Laser Synchronisation, <u>The Institute of Physics</u> , 1986, pp. 149-152.		
<input checked="" type="checkbox"/>	Bakert, H.J., et al., "An Efficient Laser Pulser Using Ferrite Magnetic Switches," <u>IOP Publishing</u> , 1988, pp. 218-224.		
<input checked="" type="checkbox"/>	Keet, A.L., et al., "High Voltage Solid State Pulser for High Repetition-Rate Gas Lasers," <u>EPE Aachen</u> , 1989, 4 pages.		
<input checked="" type="checkbox"/>	I. Smilanski, "Reducing Thyratron Losses in CVL Modulator," <u>Conference Record, 19th Power Modulator Conference</u> , 1990, San Diego, CA, pp. 287-289.		
<input checked="" type="checkbox"/>	Greenwood, et al., "An Optimisation Strategy for Efficient Pulse Compression," <u>IEEE</u> , September 1990, 9pp. 187-191.		
<input checked="" type="checkbox"/>	Dr. D. Basting, "Industrial Excimer Lasers," 2 nd Edition, 1991		
<input checked="" type="checkbox"/>	Patent Abstract of Japan: Publication No.: 04109684, Application No.: 02226623, October 4, 1992, 1 page.		
<input checked="" type="checkbox"/>	von Bergmann, et al., "Thyristor-driven Pulsers for Multikilowatt Average Power Lasers," <u>IEE Proceedings-B</u> , Vol. 139, No. 2, March 1992, pp. 123-130.		
<input checked="" type="checkbox"/>	Druckmann, H.M., et al., "A New Algorithm for the Design of Magnetic Pulse Compressors," <u>IEEE</u> , July 1992, 99. 213-216.		
<input checked="" type="checkbox"/>	Handbook of Transformer Design and Applications, by William M. Flanagan, 2 nd Edition, 1993: Chapter 10: Design Procedures, pp. 10.1-10.28.		
<input checked="" type="checkbox"/>	Taylor, R.S., et al., "Pre-Ionization of a Long Optical Pulse Magnetic-Spiker Systainer XeCl Laser," <u>Rev. Sci. Instrum.</u> Vol. 65, No. 12, December 1994, pp. 3621-3627.		
<input checked="" type="checkbox"/>	Taylor, R.S., et al., "Transmission Properties of Spark Preionization Radiation in Rare-Gas halide Laser gas Mixes," <u>IEEE Journal of Quantum Electronics</u> , Vol. 31, No. 12, December 1995, pp. 2195-2207.		
Examiner			Date Considered <u>8/23/02</u>
Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not conformance and not considered. Include a copy of this form with the next communication to applicant.			



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	<input checked="" type="checkbox"/>	T. Efthimiopoulos, et al., "An Auto-pre-pulse and Pre-ionization Long-pulse XeCl Laser," <u>Journal of Physics E. Scientific Instruments</u> , February 6, 1995, No. 2, pp. 167-169.									
	<input checked="" type="checkbox"/>	V.M. Borisov et al., "Effects Limiting the Average Power of Compact Pulse-periodic KrF Lasers," <u>Quantum Electronics</u> , 1995, Vol. 25., No. 5., pp. 421-425.									
	<input checked="" type="checkbox"/>	M. Jung, et al., "PFN's Switched with SCR's at 15 kV, 225J and 100 Hz Rep-Rate," <u>Proceedings of 22nd International Power Modulator Symposium</u> , 1996, Boca Raton, FL, U.S.A., pp. 173-176.									
	<input checked="" type="checkbox"/>	Tatsumi Goto, et al., "Design Concept and Performance Consideration for Fast High Power Semiconductor Switching for High Power Excimer Laser," <u>Rev. Sci. Instrum.</u> , Vol. 68, No. 7, July 1997									
	<input checked="" type="checkbox"/>	Enami et al., "High Spectral Purity and High Durability kHz KrF Excimer Laser with Advanced RF Pre-Ionization Discharge," <u>Proceedings of SPIE</u> , Vol. 3334, February 25-27, 1998, pp. 1031-1040.									
	<input checked="" type="checkbox"/>	Wakabayashi, et al., "Billion Level Durable ArF Excimer Laser with Highly Stable Energy," <u>SPIE 24th Annual International Symposium on Microlithography</u> , Santa Clara, CA, May 14-19, 1999									
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